V

Caterpillar.—The caterpillar is much like those which have been previously described, but is relatively much smaller.

Chrysalis.—The chrysalis has a somewhat blunt and not very distinctly developed cremaster.

(1) Hesperia domicella, Erichson, Plate XLVII, Fig. 19, $ (Erichson's Skipper).

Butterfly.—Allied to the following species, from which it is easily discriminated by the broad, solid white bands on both the fore and the hind wings. Expanse, 1.25 inch.

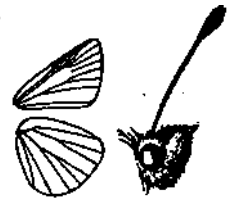

Fig. 157.—Genus *Hesperia*. Neuration. An

Early Stages.—Unknown.

H. domicella is found in Arizona, Mexico, and southward.

(2) Hesperia montivaga, Reakirt, Plate XLVII, Fig. 18, $; Plate VI, Fig. 35, *chrysalis* (The Checkered Skipper).

Butterfly.—The upper side is correctly delineated in the plate. The under side of the fore wings is much paler than the upper side, but with all the spots and markings of that side reproduced. The hind wings are creamy-white, crossed by median, postmedian, and marginal irregular bands of ochreous, somewhat annular spots. There is a triangular black spot at the anal angle of the secondaries. Expanse, 1.15 inch.

tenna, magnified 3 diameters*

Early Stages.—We know little of these. The caterpillar probably feeds on malvaceous plants, as do most of the species of the genus.

The insect ranges from the Middle States to Arizona, and westward to the Rocky Mountains.

(3) Hesperia centaureae, Rambur, Plate XLVII, Fig. 13, & (The Grizzled Skipper).

Butterfly.—The upper side may easily be recognized by the help of the figure in the plate. On the under side the wings are darker than in the preceding species; the spots of

the primaries reappear on this side, the submarginal curved row of spots coalescing to form a narrow white band, the white spot at the end of the cell flowing around the dark spot, which it only partly incloses on the upper side, and forming an eye-like spot The hind wings are brown, scaled with green, and crossed by basal, median, and marginal bands of quadrate spots. The fringes are whitish, checkered with gray. Expanse, 1.15 inch.